

MEMOS

12162 - 12185

3 X 5
80 RULED SHEETS

Scientific Data.

No Commercial Value

\$ 25.00 Reward

For return to

Arthur Cronquist

New York Botanical

Garden

Brooklyn, New York

10438

12162 - 11 Aug 1988

Uintah Co., Utah open,
 usually gentle slopes with
 sagebrush on the south
 flank of the Uinta Mts.
 Ca 30 km. airline north
 of Vernal. Twp. 1 S., R. 22 E.
 S. 26. Elev ca 2500m

Biennial mostly single-
 stemmed. Leaves green above,
 white-tomentose beneath.
 Stems tough ^{to 1 m tall}, lower
 white or faintly lavender

Cirsium scariosum Nutt.,
 perhaps genetically infiltrated
 by some other species.

Cirsium (4) v. 610

12113 A.C. + Suzanne

Renner - Tulare Co., Calif.

Open sandy slopes immediately
above Big Meadows, ca 12

~~Around the edge of Big Meadows~~ Km

~~Meadows~~ northeast

~~of~~ of Kernville

Bushy - branching shrubs

5-10 ^{dm} tall. Twp. 23S.,

Elev. 2350 m. Range 14 E

~~Invol~~ Involucres section

glutinous. 32

Artemisia rothrockii A. Gray

(10)

Asteriscus leafy.

12164 AC + Suzanne Renner
Tulare Co., Calif. Same place
as 12163.

Tree, branching shrubs
4-6 dm tall. Flowers
yellow 5, yellow.

Chrysothamnus parryi (A. Gray)
✓ Greene
var. *vulcanicus* (Greene) Smiley

⑦ ✓

Chrysothamnus

12165 - 20 Aug, 1988

Tulare Co., Calif. AC +
Suzanne Renner. Sandy, gravelly
slope just above the northeast
side of Troy Meadow, ca 40
km. airline northeast of
Kernville.

Plants up to ca 1 m. tall
Flowers 5-6 (7)

Artemisia tridentata Nutt.
var. *vaseyana* (Rydb.) B. Boivin

Twp. 21 S., R. 35 E., S. 30.
Elev. ca 2400 m. ✓

12166 - 28 Aug. 1988.

Tulare Co. Calif.

Dry bottoms and first slopes

~~across~~ toward the north

end of Troy Meadow, ca 40

Km. air line northeast of

Kernville. Twp. 21 S., R 35 E. S. 30

Plants up to nearly 1 m

tall. Flowers mostly 9-16.

Involucre somewhat glutinous.

Plants farther along in flower

than #12165 nearby and

just higher up.

Elev. ca 2400 m.

Artemisia rothrockii

A. Gray

12-16 lvs

(7)

12167 20 Aug 1988

AC & Suzanne Renner.

Tulare Co., Calif. ~~dry~~

~~Salt marsh ground~~ ~~Tray~~

~~Meadow, ca 40 km air line~~

~~Northeast of Kernville~~

A single plant intermediate
in habitat and flower number
between *A. tridentata* var.
vaseyana above, and

A. rothrockii below.

Flowers 9 or 10

Artemisia rothrockii A. Gray
x *A. tridentata* var.
vaseyana (Rydb.) B. Boivin

9-10

4

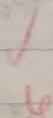
12168. AC L Suzanne Renner

Tulare Co., Calif Dry
bottoms along the edge
of Toy meadow,
stems clustered on
a stout woody taproot

Artemisia dracunculus L.



(5)



A. dracunculus

12/69 AC + Suzanne
Renner, Mond Co.,
California. Slopes along
the northeast shore of
Ellery Lake, ca 4 km
by road northeast of
Tioga Pass in the Sierra
Nevada. Elev. 2900 m.
Shrubs ca 4-7 dm. tall;
Flowers mostly 12-27 per
head. No other *Artemisia*
seen at this station.

Artemisia spiciformis
Osterh.

12.75

10.20

9. rather (5)

21 Aug 85

12170 AC & Susan Renner
Mono Co., Calif. Rocky slopes
overlooking the north side
of Ellery Lake, ca. 45 km
by road northeast of Tioga
Pass in the Sierra Nevada.
Scattered individuals inter-
mingled and intergrading
with more typical,
longer-leaved *A. spiciformis*.
Elevation ca. 2900 m.

✓
Artemisia spiciformis Oster
passing to *A. throcklii*
A. C. Gray

Aug 85

(4)

12171. A.C. + Joy

Mastrogiosuppe, 23 Aug. 88

Chelon Ca Washington. In

old burn near the top of the

→ southeast side of Cooper Mt.

Ca 20 km. south of north of

Chelon. Elev. 1700-1750 m.

More or less flat-topped

shrubs, the vegetation

rising to 4-6 dm, where

which the inflorescence

uniformly dense. Flowers 4-8

per head.

Twp. 29 North, Range 22 E, Section

16. Crushed leaves with a

sweet, camphor-like odor.

Artemisia tridentata Nutt. ✓

var. vaseyana (Pursh) Johnston

Ant. Tw. ...

12172 25 Aug 1968 A.C.H.

Jay Mastomyssepe Cholan
Co., border of Okanogan Co.,
Washington. With scattered
young lodgepole pines in an old
burn along the crest of the
ridge north of Lake

Cholan and ca 25 km north-north-
west of Chelan. Twp 30 North,
Range 21 E., S. 26. Elev. ca 5000'

Low shrubs, 1.5-2 m tall. Flowers
branched and mostly branched
high. Heads yellow. Rays 3-7,
silver completely. Flowers
11-25 in all.

25.1. (5) Haplophragma
greenei A. Gray

12173. 27 Aug. 1988

Creek Co., Wyoming. open,
grassy slopes and ~~swales~~ swales
just below the park ma-
rine community, on the
west slope of an outlying
western ridge of the
Black Hills, along Inter-
state Highway 90, ca 17-18
road km west of Sundance.
Elev. ca. 1400 m.

Plants 4-10 dm tall. Leaves
obovate.

Artemisia cana Pursh

Artemisia cana (5)

395.15 3.18 ✓
304.9726

— A single narrow
multisegmented ribbon
is found at edge of
multisegmented - hardened
parent along shell.

187.8. 2. of each to be.
Lr. 9mm

$$\begin{array}{r} 11 \\ 12 \\ 15 \\ \hline 1.76 \end{array}$$

1274 12 Sept. 1958

Acad. Bot. Garden.

Ariz. Bot. Soc. Herb.

A single corner multiflorous
shrub ca 2 m. tall at the
edge of mixed coniferous-
deciduous forest along
U.S. Highway 100, 2 mi.
north of Chino
P.O. Lane

Sorbus lucida (Sarg.)

C. K. Schneider

Platte Co.,
Nebr.

Twp 27S.

R. 4 W. Cas. 33.

12175-30 July 1959

At a S.W. corner of
Rocky soil in open
mixed low woods
(*Quercus gambelii*,
Cercocarpus ledifolius,
Aspen *truncata*, etc.)
near Bullion Creek
ca. 1/2 mi. west of
Harrison, Elmore Co.
Perennial with 1-2 (-4)
stems from the base,
rather much branched
by creeping roots. Flowers
pink-purple. Leaves
green above, white or
gray with lower surface
glabrous, not strongly

~~2~~ 3- dimensional
in aspect.

Cirsium wheeleri
(A. Gray) Petrak

✓

Oct 21 1902 20/2

(2176 - Pinto Co., Utah)

Open rocky places with
Populus angustifolia
and *Quercus gambelii*
along Buffalo Creek

about 1/2 mi. west of
Hempstead, Colo. Co., 2002

Twp. 27S., R. 4W. Co. S. 35

Stems clustered in a shrub,
branched, filices rooted
under. Rays 61-84 (5 counts),
divers.

Erigeron unithensis Cronq.

33.2

Erigeron aciculatus (E)

B. + Eric Lamont 12177
31 July, 1989, Salt-
Lake Is. Utah.

Watersheds of Little
Salt and Grand Canyons,
ca. 4 km above Alta.
Twp 3 S., R. 3 E., S. 9

open, rocky (limestone)
slopes in the pines-fir
zone. Elev. ca. 2800 m.

Plants colonial (g. creeping
roots). Stems mostly 3-6
cm tall, to form a
tapered clump that is sometimes
surmounted by a
few-branched caudex.
Flowers pink-purple.

↓





85.3

87.7

89.0

Cirsium eatonii (A. Gray)

B. L. Robinson



Cirsium eatonii (5)

12178. 2 Aug '69

Alpine Co., Calif.

Along California 89

in sagebrush country,

fruticose substrate, just

under 14 km. by road

west of the junction with

U.S. 395, ca. 10 km. east

of Marbleville, on the

east front of the Sierra

Nevada. Plants up to nearly

1 m. tall, apparently

biennial, single-stemmed

or sometimes few-stemmed,

flowers white. 2400m. elev.

Top. 10 N, R 21 E., S. 39

Cirsium subnivolum Rydb. ✓

T. incl. sheet 1,

sheet 2

Cirsium subnivolum

12179 - 2 August 89, ~~Alpine~~

Alpine Co., Calif. Fairly
dry swale along the road-
side in sagebrush country
on the west front of the
Sierra Nevada at ca 2400 m.
elev. just under 14 km.

by road west of the junction
of California 89 with U.S.
395, and ca 10 km. east of
Markleville. ~~Elev.~~
Elev. ca 4-6 m. tall

Monterey Pass
Twp. 10 N., R. 21 E., S. 35
12 km east of Monterey Pass.

Artemisia cana Pursh 375
Collected by [unclear]

12180 - 24 August 89

Alpine Co. Calif.

Open place on granitic
substrate near Heenan Lake
Sierra Nevada Twp. 9 N.,
R. 2 E, ca 8 km
by road west of Monitor Pass.
~~Sierra Nevada~~ Elev. ca 2200 m.



Low shrubs, ca 3-4 dm. tall.

Flowers 5-6, pale yellow

Chrysothamnus parryi (A. Gray) Green
var. *monocephalus* (A. Nels. & Kenn)

Chryso



Jepson
~~Herb.~~



Note that the long leaves
"spiral" from top down
along the stem with
leaves at 37 cm. 45714
no shell. Pearl leaf

Artemisia rothrockii A. Gray
Type locality

(5)

2183 - 12 Aug. 1989
Montezuma Co., Colorado
~~San Juan Co., Utah~~

Bottomlands and stream-
banks along McElmo Creek,
ca ³⁶ 37 miles northwest
of Durango, Utah, and ca. 15 km east
of Utah line Elev. ca 1600 m.
Shrubs (1-) 1.5-2.5 m tall.
Flowers 5, yellow.

Chrysothamnus linifolius
Greene

Ch. linifolius (L.) 97710

12184 - 22 August, 1989

San Juan Co., Utah

Mixed desert ~~shrub~~ shrub
and scattered graminoids
in ~~red~~ sandstone country
ca 22 km northwest
of Panguitch. Plants along
the roadside to 8 ~~km~~ dm
tall, with ca 25 yellow
flowers per head,
somewhat smaller
plants in a nearby broad
low wash mostly not
yet flowering, but not
flowering this year,
where represented by
specimens in bud.

Haplo (5)



San Juan Co.

1500 m.

58 may 1891

Haploppus drummondii
(Torr. + A. Gray)

S.F. Blake

12185 - 1 Oct. 89, A.C. &
Eric Lamont. Scott Co., Va.

Edges of mixed white pine
and deciduous woods in
the mts., Elev. 750 m.
Folded Appalachians
Near the falls of Little
Stanley Creek, ca 10 ^{road} km
south of ~~Johns~~ Coeburn
Rays pale anthocyanin

Putative hybrid:

Aster lateriflorus (L.)

Britton

x *A. prenanthoides* Muhl.

Only a few plants (perhaps a single
clone) seen. Both parents in the
immediate vicinity.

Aster

(3)

✓✓

12186-1 Oct. 1959. DCI Eric

Lamont

~~Longman #12185~~

rays bright

blue-lavender

Aster surculosus Michx.

✓

Aster surculosus (1)



Moria Torera 37 1/2

○ 8 W. am unne Aomunonol

~~1111~~ AHCCP

Kom 76 (42) (100)

Krishna - 8 PM

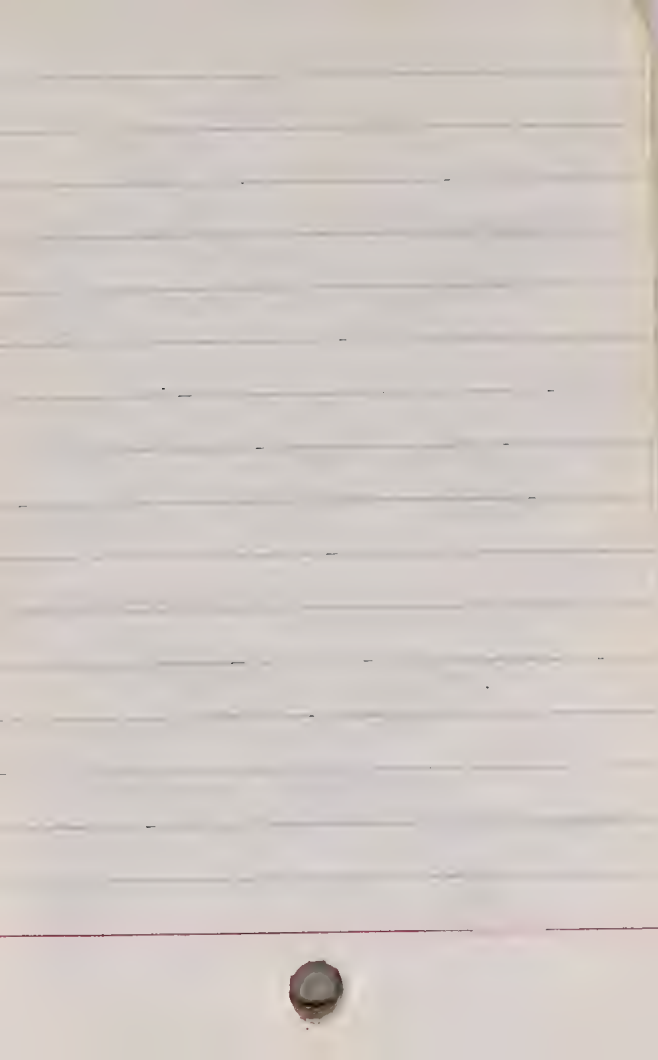
B. X. N. 1958

67 1st Lohu

73 (10) 1958

Trallau - n. Fages

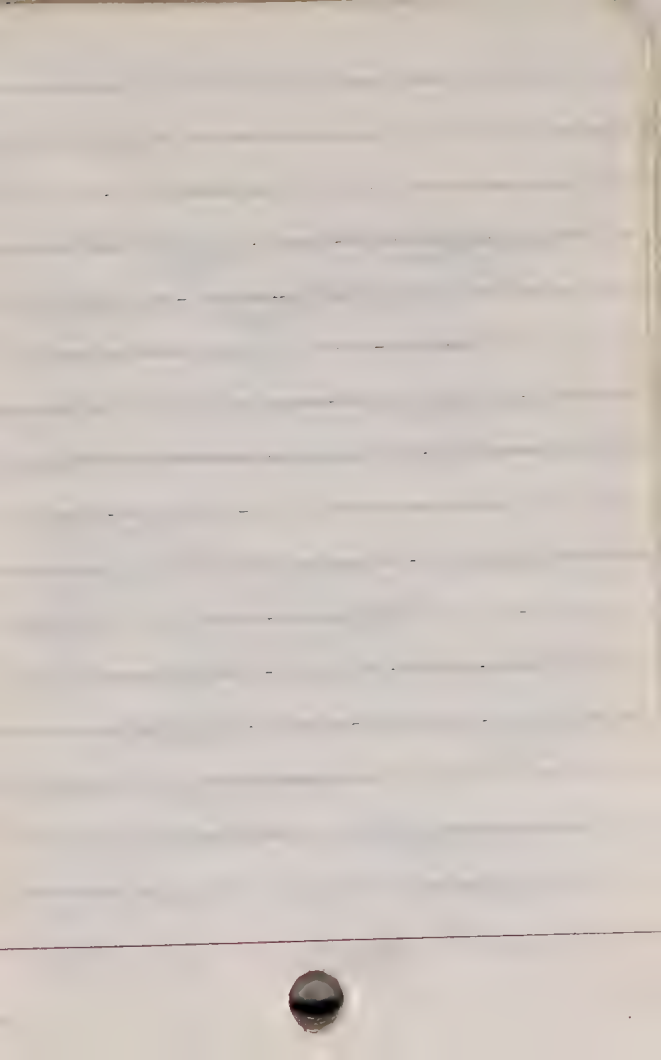
Sancti. Lohu



Studies of Angiosperm
Phylogeny using protein
sequences. F. E. Martin
and J. M. Doud.

Department of Botany
University of Adelaide
Box 498 - GPO,
Adelaide, South Australia;
5001

An Enquiry to find a
code to F. E. Martin
before the
with the



Inquire of Columbia
Press about English
edition of Anatomia
Lemnion Composition.
2 volumes published,
a third in press, up to
the in progress. Issues
3 more Chebans

General edition A +
Special edition M. F.
Danileva Russian.

edition 450 copies, 11.50
5 rubles 50, and 4.50

by about 2.5 to 4
probably isotype or lecto-
type. It is the slender,
banded ally of *A. larni*

Aster falcon

An apparent isotype
to Richardson, *Aster*
arvensis, from New Mexico,
Almost certainly
specimens to be with
lectotype!

Aster reticulatus Lindl.
The apparent type at
CAMBR! is indeed *A. Curtisii*,
as Admet & John Temple say

A 2nd Sp. (unidentified)
at CAMBR!

Reckon from the fact
of the 1st Sp. (unidentified)
at CAMBR! (unidentified)
at CAMBR! (unidentified)
at CAMBR! (unidentified)

As the *aspidotus* *aspidotus*
in the Lindley Herb. Thought
by some to be the holotype
Richardson, Carlton House,
from Herb. Hooker. But
almost has annotated it
as not the type, because
it was not cited by Hooker.
She says the type is
Dummond 586, at K.
The Richardson specimen is
O & taxonomically

a. alternative list as
Hooker & Burges Bot Mag.
1857 1858. Dummond,
from *aspidotus*, is thought

Peter fell

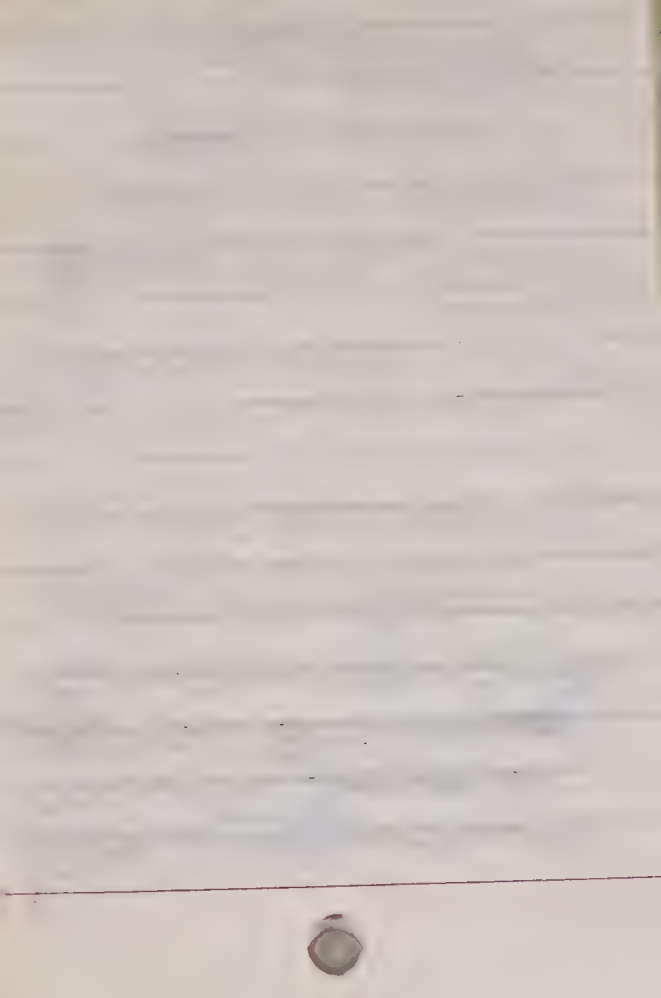
Kings Cross

8:10 - 9:22 -

Cambridge

Botany School -

20 Downing Street



Cyperus & h. (Companions...)
Complete record for
Literature for Koushwa
at Koushwa

✓
Ask Walker about
a check to Armon for
\$500 to be sent
to him in my care.

Put photos of [illegible]
for AT. Send to [illegible], ex

~~for~~ Kola Kovsky in Fagus.
Wait it - also in [illegible].

Dugix, 2.11. (Dishit)
Fagus in [illegible]
1980-8

Fagus in Gmina

For Armen Lersborg
8 paper by
Lozano-Contreras Gustavo,
Lozano Nubia B. d -
Flora Colombia 1988.

no. 11. Pp. 9, 11-53.

Krishna Kumar Shrestha
Lecturer,
Central Dept. of Botany
Tribhuvan University,
Kathmandu, Nepal.
At present:

Ph.D. Scholar.

Komarov Bot. Inst. Leningrad

Tamara Papua

Fog Barn



Indic Babu



2 soap.

to B. Tansley

Isobolozon cryptoph
a function of minor
leaf veins

Bot. M. 73(11)? 1513-1522

also the taxonomic
description of the leaf
minor vein types

Bot. M. 73(12): 1662-1672

David White Denver

Reprint in edition and
Lunar mile in hours J
for Brigitte

61 pounds

1980 edition

61 pounds

12.70 Fr. Fr.

3.40 DM.

Therapsid

Phocaena

2h10
Bar



Antelope
Bridge



Vasquez
Lana

Mountain
Bridge

Not
in

Pas de piles dans le
FOUCAUD
Elles sont dans la
pellicule.

Δ 5

$$\begin{array}{r}
 1.82 \\
 55 \overline{) 100.00} \\
 \underline{55} \\
 450 \\
 \underline{440} \\
 100
 \end{array}$$

1000 Haploids all
 2 years of experience
 1 year by R. K. K. T.
 1987 714

0 021 ~~272~~

61 pages

Lobelia purpurea
pedicels bristly
near the middle!

Lobelia purpurea L.
flowers usually green &
glabrous above but
sometimes thickly hairy
when young. Bracts of
the 2nd whorl usually
pink or purplish when
young. If bracts hairy

May's big book
for Kirpichnikov.

Enoplosus armatus
Lower Cretaceous

✓ 9 not found

✓ service of Capt. & family

4. *rubra*

... of cups here

July 1st 1894

the sea

Q. agrippina

1 small cup smooth

the right

Elaeagnus sp. - Ellipsoid.

9/24/00

small group

30 Sept. 89. NYBG. 80558

Salem, V. 81053

hills 2.00

total 36.99

1 Oct. Salem

81431

total 35.03

81553 W R





C. N.



(A)

1

Railroad
Tunnel

17 miles Railroad - 1.
17.23

79170

79170 to 79181 22.18

79181 to 79192

79192 to 79203 21.72

79203 to 79214 2.40

79214

35

79214 to 79225

8 Aug 1944

75195

37.80 noted

9 Aug 1944

37.50 noted

75235 100

10 Aug 1944

noted 75195

75235

11 Aug 1944

noted 75195

75235

75235

75235

75235

75235

76000.8. 1/2

60000.8. 1/2

106.5 2128.8
21.0

2.1 40.64

Maintenance 76171

Bulldozing 76172

3 Aug. - Mt. Carmel. 1st ch

76455

22.00

Aug. - Carmel. 2nd ch

76562

M. 35.97

Aug.

76562

33.65

Mystic Mountain



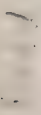
Medford + Avenue



Medford + Avenue



Hotel Royal
Foundation



1
2 Deep Barbed wire 7/10/1
Dated 2/1/01

3-11 Deep Barbed wire
metal 1/2 1/2 2 1/2 1/2 1/2
to 1/2 7/12/01

3 1/2 Deep Barbed wire
metal 1/2 1/2 1/2 1/2 1/2
7/12/01

6 1/2 Deep Barbed wire
metal 1/2 1/2 1/2 1/2 1/2
7/12/01

1/2 Deep Barbed wire
metal 1/2 1/2 1/2 1/2 1/2
7/12/01

Elmer C. ...
... ..

XI

1235

Starrose

Ac

1235

1235

1

1235

July 79 79.2

5 13.5

Mon

96.7

11.11.1979 87.5

586-8 Sound Shore

Riverhead NY 11751

2515 Alva Ave

El Cerrito

20, 26 ch, 32, 114, 60
66 ch 38

1988.

Mountain Saga. The Life
Story of Carl Smith
by Elizabeth Stone O'Neill
Yosemite Assn.
Yosemite Nat. Park, Calif
PO Box 544
Yos. M.A. Ltd 95239

26 July
Hotel Range 5616
72262

27 July
Hotel Range 40472

28 July
Hotel Range 44479
72423

29 July
Hotel Range 4430
72788

30 July 73125
Hotel Range 33.32

31 July Hotel SLG 42.28
Hotel Range - 73288

1 Aug 75853
Hotel Range 30.25

Grease

Oil - top quality

Filter

Check air filter

Repack front wheels

Tires 44 pounds front

~~51 pounds rear~~

51 pounds rear

~~51 pounds spare~~

Take up clutch

18 - United after noon

Union Ave - to Ashby exit

E. to San Pablo 2 blocks

S. 67th - big parking

overlooking street

2009-1-

22 July 1899.

Yonkers
W. H. D. W.

White Plains 70005

Toll ... 1.00

Chas. ... 2.10

John ... 1.00

... 75

70005

23 July 89

Chas. ... 1.00

Ind. ... 4.05

Ind.34

... 33.27

70005

24 July 89.

Highway Laramie . 35.70

71832

25.07

72219



10. 59567

11. 59568

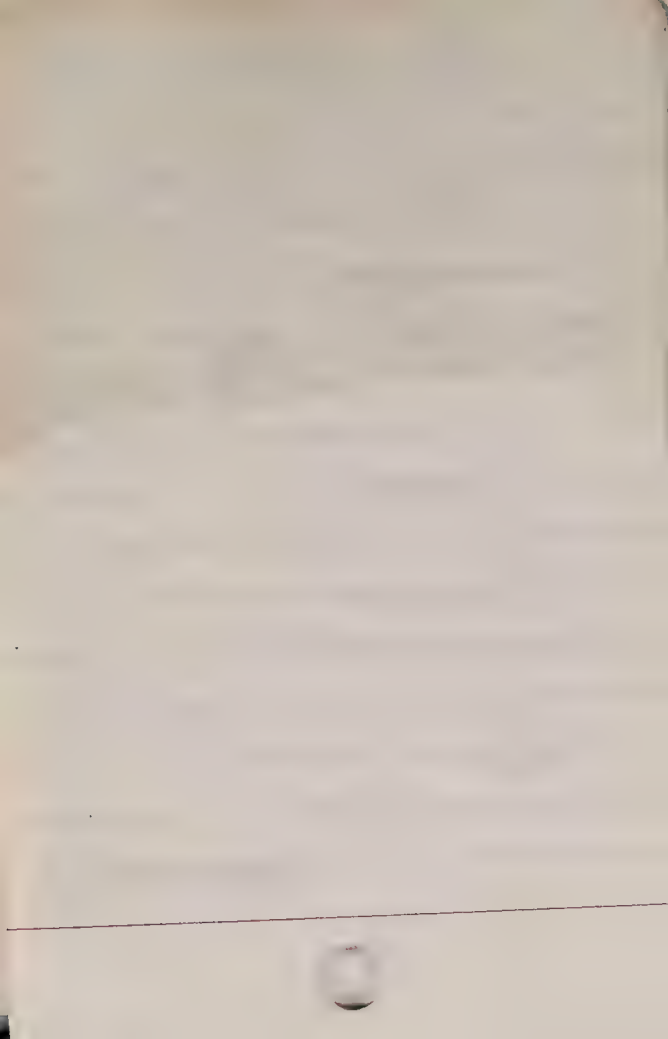
12. 59569

13. 59570

14. 59571

15. 59572

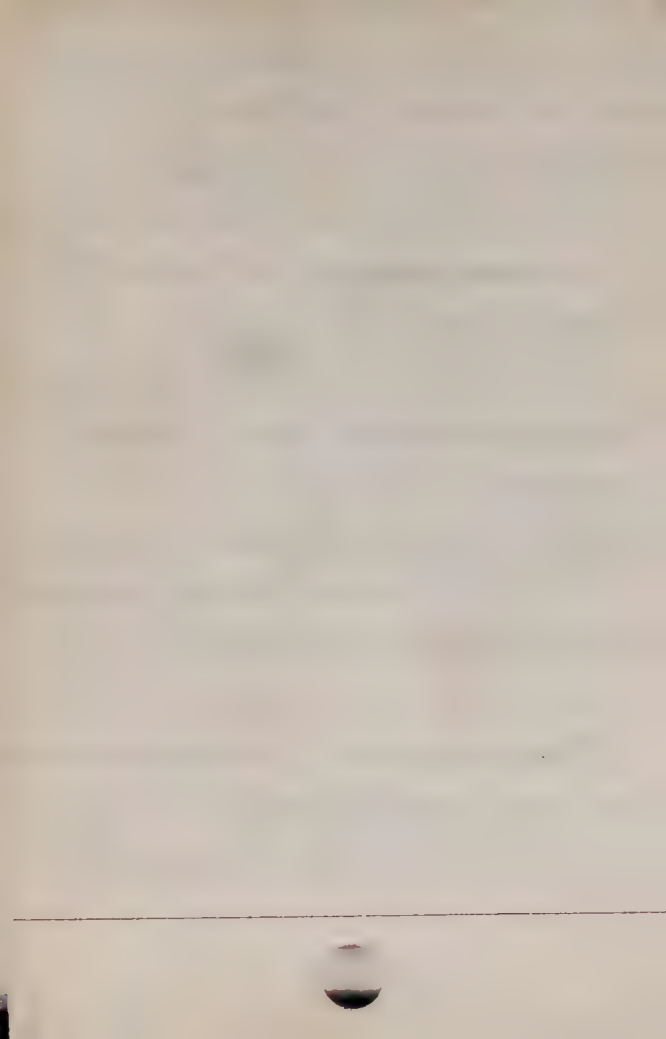
16. 59573



21 → 40

indocin

593



334-3624

Lee-914-723-5566

Help.

681-0600



511

1647

Aug 11 1944

54986

Aug 21 1944

Aug 24 1944

Aug 25 1944

Aug 26 A K 1944 5503

Aug 27 1944

Aug 28 1944

Aug 29 1944

Aug 30 1944

Aug 31 1944

Drawn with ice in
NY 14-17 Sept.
6. 12. - Sunday

Drawn 4-124 214

Movie 254 2561
2641

Ad 5 509 334 3628

Movie 335 2144

SE 42 5144 by
off person

714-176-7715 John

49517

28.89 meter

Vancouver, B.C.

28.87

9 Aug AM - Chelyuska

28.87 meter

51715

10 Aug AM - Chelyuska

33.65 meter Sec.

11.50 - Deception Island

6 Aug

full 1.90 - Pine

full 4.15 - Indica ~~HK~~ HK

full 1.50 - Chicago ~~HK~~ HK

7 Aug

10 Aug. 88. Vernal, Utah

19.75 motel

52361 miles

94.5 jet + 1 Jensen

406.4 T jet

17 Aug. 88 Vernal, Utah

52560

52821 S. L.C.

lennie jet

motel 35.25

13 Aug. Lovelock, Nev.

53309

29.68 motel

1-800-327 2177 Annex

375- 3181- K.T. Home

801- 378 2289 Wade

4955 Thorne

913- 532-6619 Barkley

801- 750-1584 Barker

415-642-2465 Ertter

509- 335 2144	AJG
334-3628	

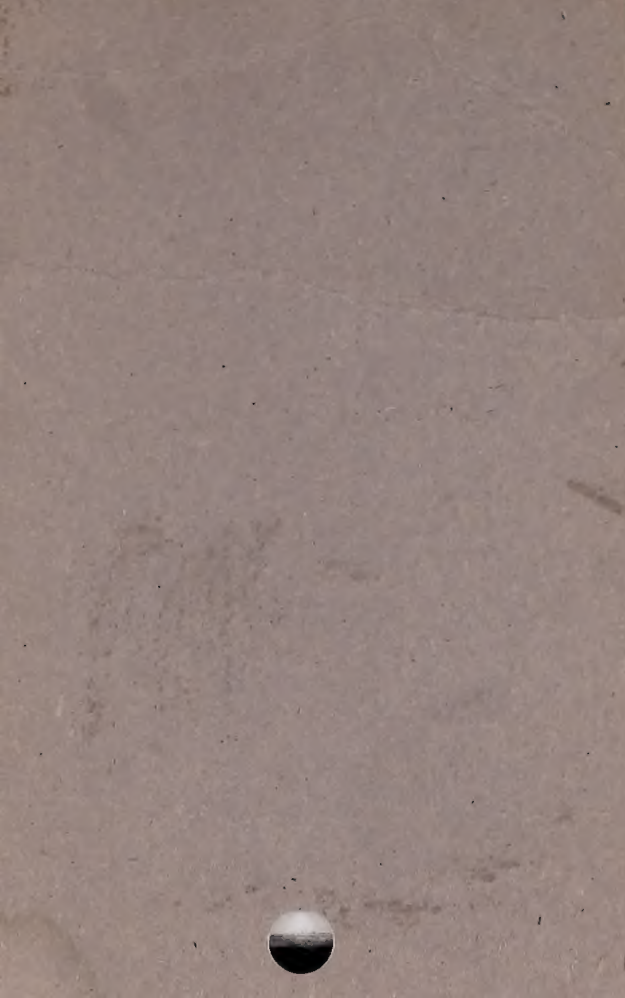
303- 973-2144 E11/2

914- 948-7106 - A. Hellthorn

801- 245-3048 Valois

503- 245-5384 Marion Alex.

3728-017607-51009



3"×5" Notebook
80 RULED SHEETS

ITEM No.390

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